

AC 44571 (1) CHESTERFIELD

Borough of Chesterfield.



# ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1929.

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JAMES A. STIRLING, D.S.C., M.B., CH.B., D.P.H.

MEDICAL OFFICER OF HEALTH.



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## BOROUGH OF CHESTERFIELD.

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### HEALTH COMMITTEE, 1929—1930.

THE MAYOR (Councillor H. J. Watson).

*Chairman* : COUNCILLOR R. A. McCREA.

*Vice-Chairman* : ALDERMAN T. W. LACK, J.P.

#### Members :

Alderman Crossley	Councillor Oakley
„ Edmunds, O.B.E., J.P.	„ Thacker
„ Sims	„ Thompson
Councillor Mary Ashmore	„ Twelves
„ Blanche Eastwood	„ Wicks
„ Harrison	„ Wright
„ Hatton	

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### MATERNITY AND CHILD WELFARE COMMITTEE.

THE MAYOR (Councillor H. J. Watson).

*Chairman* : COUNCILLOR R. A. McCREA.

*Vice-Chairman* : ALDERMAN T. W. LACK, J.P.

#### Members :

Alderman Crossley	Councillor Hatton
„ Edmunds, O.B.E., J.P.	„ Oakley
„ Sims	„ Thompson
Councillor Mary Ashmore	„ Twelves
„ Blanche Eastwood	„ Wright
„ Harrison	

#### Co-opted Members :

Mrs. Hawksley Edmunds  
 Mrs. Harrison  
 Mrs. W. B. Robinson, senr.  
 Mrs. H. P. Short  
 Mrs. Tucker

## Voluntary Workers at the Clinics.

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- Mrs. ADAMS, Devonshire Avenue, New Whittington,  
Chesterfield.
- Mrs. BARKER, 41, Sterland Street, Chesterfield.
- Mrs. CALWAY, Manor House, Brimington, near Chesterfield.
- Mrs. CUTTS, 87, Station Road, Whittington Moor, Chesterfield.
- Mrs. W. H. EDMUNDS, Scarsdale House, Gladstone Road,  
Chesterfield.
- Mrs. FOXON, 41, Avondale Road, Chesterfield.
- Mrs. GRATTON, 42, Newbold Road, Chesterfield.
- Mrs. HADDOCK, 6, Avondale Road, Chesterfield.
- Mrs. HAIGH, 111, Newbold Road, Chesterfield.
- Mrs. HARRISON, 31, Cobden Road, Chesterfield.
- Mrs. MAYCOCK, 43, Sterland Street, Chesterfield.
- Mrs. OWEN, Holly House, Norbriggs.
- Mrs. PEARSON, Red House, Stonegravels, Chesterfield.
- Mrs. ROBINSON, Moorside Cottage, Chesterfield.
- Miss SHENTALL, Avenue Road, Whittington Moor,  
Chesterfield.
- Mrs. SHORT, Rockley Cottage, Linden Avenue, Chesterfield.
- Miss SANDERS, Somersall Hall, Chesterfield.
- Mrs. SIMS, 79, Wellington Street, New Whittington,  
Chesterfield.
- Mrs. SIMS, 61, Wellington Street, New Whittington,  
Chesterfield.
- Mrs. STATON, Ingledene, Brookside, Chesterfield.
- Mrs. SWALLOW, Oakfield Avenue, Chesterfield.
- Miss TAYLOR, Avondale Road, Chesterfield.
- Mrs. TUCKER, The Cedars, Newbold Road, Chesterfield.
- Mrs. WARD, Devonshire Avenue, New Whittington,  
Chesterfield.

HEALTH DEPARTMENT,  
SALTERGATE,  
CHESTERFIELD.

May, 1930.

*To the Chairman and Members of the Health Committee  
of the Borough of Chesterfield.*

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit my first Annual Report on the Health and Sanitary conditions of the Borough for the year 1929.

The general arrangement of the report differs somewhat from that adopted in previous years, the statistical matter being removed from the descriptive matter and confined to a separate section. The text contains a marginal index which enables the appropriate tables to be easily found.

I should like to express my thanks to you, Sir, and the other members of the Health and Maternity and Child Welfare Committees for the unfailing support I have received since I took up my appointment in January.

In conclusion, I have to thank my colleagues in the other Corporation Departments both for their kindly co-operation during the year and for the assistance they have rendered me in compiling this report, and also the members of my own staff for their loyal and efficient service during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

J. A. STIRLING,

*Medical Officer of Health.*



# Report of the Medical Officer of Health, for the Year 1929.

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## NATURAL AND SOCIAL CONDITIONS OF THE AREA.

The area of the Borough is 8,468 acres. Population at census 1921—61,232. Population estimated by Registrar-General to middle of 1929—65,270, and it is upon this figure that the calculations in this Report have been based. *Appendix 2.*

*Physical Features of the Area.* Chesterfield is built mainly on clay but there are also areas of rock, shale and coal, rendering the general drainage of the ground much better than if wholly consisting of clay.

*Social Conditions of the Area.* The social conditions of the Borough are mainly industrial, the chief occupations of the inhabitants being Coal Mining, Engineering, Pottery-making, Box-making, and the manufacture of Surgical Dressings. The general condition of trade in the area is still very depressed.

## VITAL STATISTICS.

(a) The population of Chesterfield for 1929, as estimated by the Registrar-General, is 65,270, showing a decrease of 360 on the figures for 1928. *Appendix 2.*

(b) *Births.* The total number of births in the Borough was 1,213, giving a birth rate of 18.58 per 1,000 as against that of 16.3 for England and Wales as a whole. The figure for last year was 19.21. *Appendices 3 & 4.*

On looking at the birth rate as affecting the Wards, the Rother (26.6) and Old Whittington (23) Wards have the highest rates, whilst the West (12.6) and New Whittington (12.9) Wards have the lowest rates.

*Natural Increase.* The excess of births over deaths was 444, giving a rate of 6.8 per 1,000 of the population. *Appendix 4.*

Appendices  
3, 5 & 10.

(c) *Deaths.* During 1929, 769 deaths took place, giving a death rate of 11.78 as against a rate of 13.4 for England and Wales as a whole. This rate shows a slight increase on the rate for 1928, that figure being 10.16.

Appendices  
5 & 7.

As regards the Ward distribution, the Central Ward shows by far the greatest rate (17.1), while the West (7.8), Hasland (8.5), and New Whittington (8.8) Wards show the lowest rates.

The greatest mortality from Tuberculosis seems to have fallen on the Rother Ward, which shows 17 deaths, which is about a third of the whole of the deaths in the Borough from this disease; in fact the mortality from all forms of Respiratory Disease seems to have fallen most on this Ward.

The deaths from all other diseases seem to have been fairly equally distributed throughout the various Wards, except that the Central Ward shows a rather high cancer mortality—15 deaths.

Appendix  
6.

*Age Distribution and Causes of Death.* The Respiratory Diseases caused a considerable number of deaths, namely 176, which is an increase of 31 on last year's figures. The figures for 1929 demonstrate very clearly that a high respiratory death rate is accompanied by a similar state of affairs with regard to heart disease, there having been 168 deaths from this cause during the year as against 112 in 1928. The increase in the deaths from the two classes of disease mentioned above explain in the main the increase of 102 deaths in the 1929 figures as against those for 1928, and this increase is fully accounted for by the severity of the weather in the first quarter of the year, during which period a great proportion of these deaths occurred.

It is pleasing to note that the cancer deaths, although still high, namely 72, show a decrease of 21 on last year's figures.

There is nothing special to note respecting the deaths from other causes than those already mentioned.

Infants under 1 year and adults over 55 show the greatest number of deaths, these two age groups accounting for 484 of the total.

## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

### HOSPITALS.

(1) *Tuberculosis.* Institutional treatment when required is provided by the Derbyshire County Council at either Walton Sanatorium or Penmore Tuberculosis Pavilion. *Appendices*  
20 & 24.

(2) *Maternity.* The Corporation possess a Maternity Home of 26 beds.

(3) *Children.* There is no Children's Hospital in the Borough, but there are Children's Wards at the Royal Hospital and Union Infirmary.

(4) *Fever.* Cases of Infectious Disease are removed to Penmore Isolation Hospital.

(5) *Smallpox.* Cases of Smallpox are removed to Spital Hospital.

NOTE.—Both the above-named Hospitals are situated in the Borough.

(6) *General.* (a) Chesterfield and North Derbyshire Royal Hospital. (b) Union Infirmary, Newbold Road.

(7) *Unmarried Mothers, Illegitimate and Homeless Children.* Any such cases requiring Institutional Treatment are dealt with by the Guardians.

(8) *Ambulance Facilities.* Motor Ambulances are provided for the removal of cases of infectious disease and also for use in non-infectious cases.

*Clinics and Treatment Centres.* Particulars under this heading will be found in Appendix 23. *Appendix*  
23.

*Public Health Staff.* Dr. Garrow terminated his duties as Medical Officer of Health on 31/12/28 and Dr. Stirling commenced duty in that capacity on 16/1/29. Owing to a re-arrangement of work in the Department Dr. Powell ceased duty as Ante Natal Officer on 30/9/29, Dr. Campbell taking over these duties from that date. *Appendix*  
1.

There has been one change in the Health Visiting Staff, Mrs. Street being appointed in place of Miss Coakill (resigned), and there has also been one change in the Clerical Staff, Mr. Brown having been appointed Chief Clerk in place of Miss Shaw (resigned).

It will be seen from Appendix 1 that four consultants under the Puerperal Fever and Puerperal Pyrexia Regulations were appointed at the end of October.

## PROFESSIONAL NURSING IN THE HOME.

*Appendix*  
22.

Skilled professional nursing in the homes of the people is provided for general medical and surgical cases, and for certain infectious diseases by the Visiting Nursing Service of the Borough Welfare Committee of the Corporation. The Corporation pay an annual grant of £255 for specific services rendered by the Nurses in the home nursing of measles, ophthalmia neonatorum, whooping cough, puerperal fever, enteritis and poliomyelitis. During the year there have been two changes in the personnel of the nursing staff, Mrs. Hoult and Miss Robinson having been appointed Visiting Nurses in place of Miss McGuffog and Miss McGrath (resigned).

The names and addresses of the various Nurses, together with a summary of their work, will be found in Appendix 22.

*Midwives.* There are 24 Midwives, to whom no subsidy is granted, in practice in the Borough. Two Midwives, by the approval of the Central Midwives Board, undertake the training of pupils from the Municipâl Maternity Home.

*Maternity and Nursing Homes.* At the beginning of 1929 there were four Maternity Homes in the Borough registered under the Nursing Homes Registration Act, 1927, two as Nursing and Maternity Homes and two as Maternity Homes only, and during the year a further home (Maternity only) was registered. Each Home has been conducted in a satisfactory manner during the period under review. No orders were made during the year refusing or cancelling registration and one application for exemption was made on behalf of the Chesterfield and North Derbyshire Hospital and this was granted.

*Appendix*  
36.

*Chemical Work.* The analysis of food and drugs is carried out for the Corporation by Messrs. A. H. Allen and Partners, of Sheffield. The two partners of this firm, Mr. Scott-Smith and Mr. John Evans, are joint Public Analysts for the Borough of Chesterfield. Full particulars of the work done will be found in Appendix 36.



*Legislation in Force.* All particulars relating to the legislation in force in the Borough will be found in Appendix 21. Appendix  
21.

## SANITARY CIRCUMSTANCES OF THE AREA.

*Water.* 1929 was remarkable for the long drought which caused much anxiety to Water Authorities throughout the country. In Chesterfield the situation was met satisfactorily, and no emergency action was necessary with the exception of the prohibition of the use of hosepipes and a general appeal to the consumers to use care. Appendix  
39.

An important development of a new well at Whaley is in progress in conjunction with the Bolsover Urban District Council

Generally speaking the water supply is abundant and of good quality.

During the year six houses were provided with internal water supply in lieu of stand pipes, the Corporation paying one-third of the cost.

*Rivers and Streams.* It was found necessary during the year to exhibit posters adjacent to the rivers Rother and Hipper calling attention to the provisions of Section 284 of the Chesterfield Corporation Act, 1923, with respect to the deposition of refuse in these streams.

*Drainage and Sewerage.* Particulars of new sewers laid during the year will be found in Appendix 40. Appendix  
40.

During the drought period complaints were received of the objectionable smells arising from the sewage works, and during the latter part of the year experiments were carried out on the sewage with chlorine gas with a view to preventing "septic action" and the elimination of odour. Two experimental tanks for "Sludge Digestion" have also been put into operation to further investigate the odour problem and the probability of a sludge less difficult to deal with on the sludge drying areas.

*Closet Accommodation.* During the year, 22 privies were converted into water closets, and 140 additional W.C.'s provided, the latter being in connection with the decision of the Health Committee that where the condition of the property justified such provision one W.C. per house should be insisted upon, the Corporation in such cases paying a grant of one-quarter of the cost—not exceeding a sum of £3 10s. 0d. per W.C. provided. Appendix  
28.

The Appendix shows by Ward arrangement the character of Sanitary Conveniences in connection with dwelling-houses, the existing privy middens being confined to areas in outlying districts or where no drainage facilities are available.

*Appendix 38. Scavenging.* The removal and disposal of house refuse is undertaken by the Cleansing Department of the Corporation, and for a summary of work done see Appendix 38.

During the year new urinals have been erected at Jaw Bones Hill, Cross Daggers Newbold, and New Whittington.

*Appendices 29, 30 & 31. Sanitary Inspection of the Area.* Details of this work will be found in the appropriate Appendices.

*Appendix 32. Smoke Abatement.* While there is still room for further improvement in this direction, there is evidence of more care being exercised by certain manufacturers in reducing the extent of avoidable black smoke. Nineteen informal notices and one formal notice were served as a result of 145 observations. The Corporation are considering the adoption of Bye-laws in this respect.

*Appendix 33. Premises Controlled by Regulations or Bye-laws.* The number and character of these places will be found in Appendix 33.

## HOUSING.

*Appendices 41 & 42.* During the year 268 new houses were erected—110 by the Corporation and 158 by private enterprise.

Closing Orders were made in respect of 12 houses, one of which was determined—the owner having the house rebuilt. A large amount of repair work on houses not in all respects reasonably fit has been carried out, 184 houses being so dealt with. Of this number, 105 were repaired in consequence of informal notice by the Department, while 79 were repaired as a result of formal notice by the Corporation under Section 3 of the Housing Act, 1925. The total number of formal notices served under the Housing Act was 89, ten of these remaining outstanding at the end of the year.

*Appendix 41.* Appendix 41 shows the number of houses in each Ward and the broad classification of such houses on the basis of Good, Fair, Poor and Bad.

*Common Lodging Houses.* At the year end there were five registered common lodging houses for men only, with a total number of 353 beds. *Appendix 34.*

*Factory and Workshops Act.* One hundred and sixty-seven visits were made to factories and workshops during the year, and a summary of these visits will be found in Appendix 37. *Appendix 37.*

*Offensive Trades.* The total number of such trades, including fried fish shops, is 68. These are shown marked by an asterisk in Appendix 33. *Appendix 33.*

## INSPECTION AND SUPERVISION OF FOOD.

### (a) *Milk Supply.*

#### Milk Register.

Number of Registered Milk Producers in the Borough ... ..	73
Approximate number of Cows housed ...	690
Number of Registered Producers residing outside the Borough ... ..	84
Number of Retailers (not producers) in the Borough ... ..	70
Number of Retailers (not producers) residing outside the Borough ...	10
Number of Inspections of Dairies and Cowsheds ... ..	319

*Milk and Dairies Order, 1926.* Structural alterations have been carried out on eleven farm premises upon which notices were served in 1928. During the current year formal notices were served in respect of three farm premises and informal notices referring to four other premises. Of these seven notices, six were complied with during the year.

At the year end there were four outstanding notices which cannot be complied with until the stock go out to grass next summer.

*Milk (Special Designations) Order, 1923.* There is no producer of designated milk in Chesterfield. The Clay Cross Company at Coney Green Farm, Clay Cross, is licensed by the Derbyshire County Council for the production of Grade "A" milk, and also possess a supplementary licence from the Chesterfield Corporation for distribution within the Borough.

*Bacteriological Examination of Milk.* During the year 99 samples of milk from 765 cows were obtained for bacteriological examination. Of that number, 83 were primary mixed samples from 738 cows, while 16 were secondary samples obtained to identify animals affected with tuberculosis.

The 83 primary samples were in 65 cases the milks of Producers within the Borough and in 18 cases milks brought into the Borough by outside producers.

Four individual cows were identified as giving tuberculosis milk and were slaughtered under the provisions of the Tuberculosis Order, 1925. Three of these animals belonged to producers within the Borough, and one belonged to a producer in an adjoining district.

The percentage of mixed milks found to contain Tubercle Bacilli was 4.8 per cent., while the number of cows found to be giving tuberculous milk was equal to .54 per cent.

The number of milks tested for sediment was 120.

*Appendix 35. Meat and Other Foods.* There are 33 Slaughterhouses in the Borough, all except one being annually licensed. 3,980 visits were made to these slaughterhouses during the year. The total weight of all foods destroyed was over 18½ tons.

Of 4,188 Beasts inspected 5.4 per cent. were found affected with Tuberculosis to a varying extent, while the same disease percentage of 8,219 Pigs inspected was found to be 5.23.

*Appendix 36. Sale of Food and Drugs Act and Preservatives in Food Regulations.* During the year 215 samples of food were obtained and forwarded to the Public Analyst. Of these, 15 or 6.9 per cent. did not comply with the standard laid down by the various Regulations. In the case of milk the number of primary samples below standard was equal to 7.7 per cent.

The average composition of the 155 milk samples was Fat 3.63 per cent., and Non-Fatty Solids 8.81 per cent. Of the 13 milk samples below the standard, 4 were appeal to cow samples.



Three samples were deficient in both Fat and Non-Fatty Solids, 8 were deficient in Fat only, while 2 were below the standard for Non-Fatty Solids only. Legal proceedings were taken against two vendors, namely:—

- 1.—Selling milk containing 20.9 parts of added water, fined £10 0s. 0d. and £2 2s. 0d. costs.
- 2.—Selling milk containing 5.7 parts of added water fined £15 0s. 0d. including costs.

In the latter case a can of water was discovered in the milk float during this evening purchase and, furthermore, defendant did not appear during the hearing of the case.

The other two samples not conforming with the Regulations comprised one of Sweet Spirit of Nitre and one of Cake Cream. The first was found deficient in Ethyl Nitrite to the extent of 25.6 per cent. The vendor, in this case a small general dealer, was advised to discontinue the sale of this commodity.

The analysis of the "cake cream" showed this substance did not conform with that of Genuine Cream nor of Artificial Cream as defined in the Artificial Cream Act, 1929.

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

The total number of cases of Infectious Diseases notified during the year was 475, an increase of 76 on last year's figures, this increase being accounted for by an increase in the number of cases of Diphtheria and Scarlet Fever. Notifications of the other Infectious Diseases remained about the same.

*Appendices*  
14, 15, 16 &  
17.

*Diphtheria.* There was an outbreak of Diphtheria at Hipper Street School, resulting in 18 cases being admitted during a very short period to Penmore Hospital. All the children in the three departments of this school were swabbed and as a result 3 contacts were discovered. These contacts were removed to Penmore Hospital and as a result of this action no more cases occurred.

*Smallpox.* There were 24 cases of Smallpox notified in the early part of the year, but it is pleasing to note that the last notification of a case occurring in the area was received on July 11th, and since that date the Borough has been clear of this disease.

*Puerperal Fever and Pyrexia.* During the year, as will be seen from Appendix 1, four Consultants were appointed under the Puerperal Fever and Puerperal Pyrexia Regulations, and arrangements were also made whereby cases requiring hospital treatment could be removed to the Norton Annexe of the Jessop Hospital for Women, Sheffield. Under these arrangements five cases were seen by the Consultants and six cases were removed to hospital.

*Ophthalmia Neonatorum.* Eight cases of this disease were notified and all were nursed at home. The arrangements for dealing with this disease are adequate and efficient. The Visiting Nurses attend immediately after notification and continue attendance as often as is necessary until the condition is cured.

Appendix  
16.

As regards the Ward distribution of the various infectious diseases, the Rother and Trinity Wards have the greatest incidence, there being respectively 89 and 71 cases notified during the year.

*Schick and Dick Tests for Diphtheria and Scarlet Fever.*—No use of these tests has been made during the year under review.

*Disinfection of Premises.* Routine disinfection of premises and bedding is carried out immediately after removal of infectious cases to Hospital, or, in home nursed cases, after the period of infection is over.

Appendix  
15 (a).

*Bacteriological Work.* Bacteriological Examinations in connection with infectious diseases are carried out at the County Health Department Laboratory, Derby, and a summary of these will be found in Appendix 15A.

*Supply of Diphtheria Antitoxin.* On application to the Health Department, or the Maternity Home during holiday periods, concentrated diphtheria antitoxin is supplied free to all medical practitioners for use in the Borough.

## CANCER.

Appendices  
12 & 13.

The deaths from Cancer show a welcome reduction on last year's figures, there having been 21 less deaths.

That Cancer is still one of the worst killing diseases is shown by the fact that 9.3 of the total deaths occurring in the Borough were caused by this disease. Until the research work which is going on all over the world as to the causation of this disease is crowned with success, we, as a health

authority, can only through the Press and by other means of publicity seek to educate the public in the early signs and symptoms of cancer and urge them to seek medical advice if any of these symptoms appear.

## TUBERCULOSIS.

During the year 92 cases of Tuberculosis were notified, of which 59 were Pulmonary and 33 Non-Pulmonary cases. There were 57 deaths from Tuberculosis, being the same number as in 1928. *Appendices 18 & 19.*

The Rother Ward with 22 notifications showed the highest Ward incidence of the disease.

All Tuberculosis work affecting the Borough is undertaken by the Derbyshire Council Council, and I would like to take this opportunity of extending my grateful thanks to Dr. Nicholson, the Tuberculosis Officer for this area, for the most willing and useful co-operation he has given at all times and for the following report he has kindly compiled for me on the Tuberculosis work for 1929 as affecting the Borough.

*General Remarks.* The incidence of Tuberculosis in Chesterfield compares favourably with other Boroughs of a similar size. The housing conditions in the Borough are improving and the new type of houses with large bedrooms and windows at each end, allowing of a through ventilation, will in time have a further beneficial effect on the incidence of this disease.

*Facilities Offered.* Every facility is offered for the diagnosis and treatment of this disease by clinical and X-Ray examinations at the Brimington Road Clinic on Tuesdays and Fridays each week and the 1st and 3rd Mondays of each month.

Sanatorium treatment is provided at Walton Sanatorium and the Tuberculosis Pavilion at Penmore Hospital. Surgical cases of Tuberculosis are treated at the New Bretby Hall Sanatorium, at which adults as well as children will soon be provided for.

*After Care.* The After Care of these cases is carried out by the Health Visitors and this work is largely assisted by the Borough Welfare District Nursing Committees. Grants towards nursing and the supply of milk are made in certain cases by the County Council.

No action was taken during the year under either the Public Health (Prevention of Tuberculosis) Regulations, 1925, or Section 62 of the Public Health Act, 1925.

## MATERNITY AND CHILD WELFARE.

Appendices  
8, 9 & 11.

*Infantile Mortality.* The number of infants dying before reaching the age of one year was 82 as compared with 84 during 1928, giving an Infantile Mortality Rate of 67.6 compared to that of 74 for England and Wales as a whole. On analysing the age at which death occurred it will be seen that 28, or one-third of the total deaths, occurred within one week of birth. As regards the Ward Infantile Mortality, the Trinity and St. Helen's Wards showed the highest figure with rates of 120 and 98 respectively.

Of the 1,213 children born during 1929, 682 or 56.2 per cent. of them attended the Child Welfare Centres.

*Still Births.* During the year under review 70 legitimate and 3 illegitimate Still Births were registered.

Appendix  
27.

*Home Visiting.* The Health Visitors paid 4,672 visits to the homes of children under one year of age and 4,048 visits to children between the ages of one and five years, giving a total of 8,720 visits for 1929 as against a total of 10,703 for 1928. The decrease in the number of home visits paid was due to the fact that there was one Health Visitor short on the staff for a period of three months during the year. The Health Visitors also paid 222 visits to expectant mothers and 521 other visits.

Appendix  
26.

*Infant Welfare Centres.* It is again evident this year that the Chesterfield mothers still appreciate the value of the Child Welfare Centres as is shown by their continued support and regular attendance. 1,669 children attended the Centres during the year, these children making 13,770 attendances.

A marked feature of the Infantile Mortality is the difference in the rate of the babies who have attended the Centres as against those who have not. Of the 682 babies born during the year who attended the Centres, 12 died, whereas of the other 531 babies who did not attend the Centres, 70 died. I do not claim that this vast difference is all due to the advice and instruction given at the Centres, but I am convinced that the more babies we can get at the Centres, the more so will the Infant Mortality Rate be reduced.

Appendix  
26.

*Ante-Natal Clinic.* As ante-natal work is one of the most certain ways of reducing maternal mortality, it is pleasing to note that the Ante-Natal Clinic was again well attended during the year.



*Voluntary Help.* During 1929 the Voluntary Helpers have continued their visits to the Child Welfare Centres, and I would like to express my best thanks to them for their continued interest and enthusiastic support.

*Free and Assisted Milk Scheme.* Under this scheme expectant mothers and children up to the age of three years of age are eligible for a supply of cow's milk if the family income is within the governing scale, and milk to the cost of approximately £400 was supplied during the year.

*Maternity Home.* During the year under review, 455 cases were admitted to the Home, an increase of 27 on the previous year. *Appendix*  
25.

It is pleasing to note that patients who have previously been confined in the Home continue to return for successive pregnancies.

The Maternity Home is recognised as a Training School for Midwives, and regular courses of lectures to pupil midwives have been given, and it is gratifying to note that all pupils attached to the staff of the Home have been successful in obtaining the certificate of the Central Midwives Board.

The summary of work performed in the Home during 1929 will be found in Appendix 25.



## Appendices.

## APPENDIX 1.

## PUBLIC HEALTH STAFF.

Medical Officer of Health and School Medical Officer—

† J. A. STIRLING, D.S.C., M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health and Assistant

School Medical Officer—

† JANET R. CAMPBELL, M.B., Ch.B., D.P.H.

Obstetric Surgeon to Maternity Home (part-time)—

† J. W. TONKS, M.D., F.R.C.S.

Consultant Surgeons under Puerperal Fever Regulations  
(part-time)—

\* † W. W. KING, M.B., Ch.B., F.R.C.S.

\* † M. H. PHILLIPS, M.B., B.S., F.R.C.S.

\* † J. CHISHOLM, M.B., Ch.B., F.R.C.S.

\* † J. E. STACEY, M.D., F.R.C.S.

Veterinary Surgeon to the Corporation (part-time)—

G. ROBINSON, M.R.C.V.S.

Public Analyst (part-time)—

J. EVANS, F.I.C.

Chief Sanitary Inspector—

† A. S. CARTER, C.S.I., Certified Meat Inspector.

Sanitary Inspectors—

† C. K. HALE, C.S.I., Certified Meat Inspector.

† W. TEASDALE, C.S.I., Certified Meat Inspector.

† C. A. WOOD, C.S.I., Certified Meat Inspector.

Senior Health Visitor—

† Mrs. J. S. NICHOLLS, Trained Nurse, C.M.B., Cert. San. Insp.,  
Cert. Queen's Jubilee Inst.

Health Visitors—

† Mrs. P. A. ELLOR, Trained Nurse, C.M.B.

† Miss F. SMITH, Trained Nurse, C.M.B.

† Miss O. M. PARKER, Trained Nurse, C.M.B.

§ † Mrs. S. M. STREET, Trained Nurse, C.M.B., Health  
Visitor's Certificate.

Matron, Maternity Home—

† Miss A. HOPWOOD, R.R.C.

Chief Clerk—

o Miss K. M. SHAW.

q G. S. BROWN.

Clerical Staff—

Miss M. SYLVESTER

Miss C. PEGG

C. W. WICKS

† Contributions to Salaries under Public Health Acts or by Exchequer  
Grants.

\* Appointed 7-11-29.

o Resigned 31-5-29.

§ Commenced duty 13-5-29.

q Commenced duty 22-5-29.



**APPENDIX 2.**

## GENERAL INFORMATION.

Area (Acres) ... ..	8,468
Population (1929) ... .. (estimated)	65,270
Number of Inhabited Houses ... .. (Census, 1921)	12,260
Number of families or separate occupiers ... ..	12,972
Rateable Value ... ..	£294,099
Sum represented by penny rate (gross) ... ..	£1,255

**APPENDIX 3.**

## EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	M.	F.	Total.	
Births—Legitimate ...	581	581	1,162	
Illegitimate ...	25	26	51	Birth Rate 18.58
Deaths— ...	421	348	769	Death Rate 11.78
Number of Women dying in, or in consequence of Childbirth :				
From Sepsis ... ..			nil	
,, Other Causes ... ..			2	

Deaths of Infants under one year of age per 1,000 births :

Legitimate, 66.2.	Illegitimate, 98.	Total, 67.6
Deaths from Measles (all ages) ... ..	5	
,, ,, Whooping Cough (all ages) ... ..	7	
,, ,, Diarrhœa (under 2 years) ... ..	7	

**APPENDIX 4.**

## BIRTHS.

	Ches- terf'd	Has- land	West	Rother	St. Leon.	H'me- brook	Central	Trin'y	St. Helens	Moor	New- bold	Old Whit.	New Whit.
Estimated Population ..	65,270	5161	4995	9009	5220	5890	4990	5805	2929	6160	6691	4475	3945
No. of Births ..	1213	70	63	240	97	111	92	83	51	130	122	103	51
Birth Rates ..	18.58	13.6	12.6	26.6	18.6	18.9	18.4	14.3	17.5	21.1	18.2	23.0	12.9
Percentage of Total Births ..		5.7	5.2	19.8	7.9	9.1	7.6	6.8	4.1	10.7	10.5	8.5	4.1

## Appendix 4 (Contd.).

## BIRTH RATES.

Year.	Chesterfield.		England & Wales Birth Rate.
	No. of Births.	Birth Rate.	
1925	1488	22.6	18.3
1926	1396	19.9	17.8
1927	1243	18.7	16.7
1928	1261	19.21	16.7
1929	1213	18.58	16.3

## NATURAL INCREASE OF POPULATION.

1925	1926	1927	1928	1929
10.8	9.9	6.8	9.2	6.8

## APPENDIX 5.

## DEATHS.

	Chesterfield	WARDS.												Transferable Deaths
		Hasland	West	Rother	St. Leonards.	Holmebrook	Central	Trinity	St. Helen's	Moor	Newbold	Old Whittington	New Whittington	
Estimated Population ..	65,270	5161	4995	9009	5220	5890	4990	5805	2929	6160	6691	4475	3945	..
No. of Deaths ..	769	44	39	105	70	56	85	78	37	66	75	65	35	14
Death Rates ..	11.78	8.5	7.8	11.6	13.4	9.5	17.1	13.4	12.6	10.7	11.2	14.5	8.8	..
Percentage of Total Deaths	..	5.5	5.1	13.6	9.1	7.2	11.0	10.1	4.9	8.7	9.8	8.6	4.6	1.8

## APPENDIX 6.

Table shewing Causes of, and Ages at Death.

Cause of Death.	All ages	Under 1 year	1 and under 2	2 and under 3	3 and under 4	4 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and upwards	Increase or decrease in deaths at all ages as compared with 1928.
Enteric Fever .....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	+ 1
Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	same
Measles .....	5	1	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	+ 1
Scarlet Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	+ 1
Whooping Cough .....	7	4	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	+ 6
Diphtheria .....	14	.....	.....	.....	2	1	10	1	.....	.....	.....	.....	.....	.....	.....	+ 7
Influenza .....	31	2	.....	.....	2	.....	1	.....	.....	.....	3	2	8	3	10	+17
Encephalitis Lethargica .....	4	.....	.....	.....	.....	.....	1	.....	.....	.....	2	1	.....	.....	.....	same
Meningococcal Meningitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	- 1
Tuberculosis of Respiratory System .....	39	.....	1	.....	.....	.....	.....	1	3	8	7	8	6	2	3	+ 1
Other Tuberculous Disease .....	18	3	3	1	1	1	3	1	1	3	.....	1	.....	.....	.....	- 1
Cancer, Malignant Disease .....	72	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	17	18	31	-21
Rheumatic Fever .....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	same
Diabetes .....	14	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	5	5	+ 8
Cerebral Haemorrhages, etc. ....	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	9	31	+ 4
Heart Disease .....	168	.....	.....	.....	1	.....	1	1	1	2	2	7	17	25	111	+56
Arterio-Sclerosis .....	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	13	- 1
Bronchitis .....	36	3	2	.....	1	1	.....	.....	.....	1	1	3	.....	6	18	+ 1
Pneumonia (all forms) .....	59	7	12	3	3	.....	.....	.....	2	.....	4	6	8	6	8	+ 7
Other Respiratory Diseases .....	11	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	.....	3	5	+ 5
Ulcer of Stomach or Duodenum .....	5	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	1	+ 1
Diarrhoea, etc., (under 2 years) .....	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	- 1
Appendicitis .....	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	1	- 1
Cirrhosis of Liver .....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	+ 1
Acute and Chronic Nephritis .....	10	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	3	4	- 1
Puerperal Sepsis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	- 2
Other Accidents and Diseases of Pregnancy & Parturition .....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	+ 1
Congenital Debility and Malformation, Premature Birth .....	40	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	+ 4
Suicide .....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	1	3	1	+ 2
Other Deaths from Violence .....	24	2	.....	.....	.....	1	2	.....	1	1	4	2	3	4	4	- 3
Other Defined Diseases .....	118	13	8	1	3	1	3	1	1	4	8	7	11	9	48	+14
Causes ill-defined and unknown.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	- 4
TOTAL DEATHS .....	769	82	28	8	13	6	24	6	10	23	36	48	83	105	297	+102



**APPENDIX 7.**  
**The Deaths as they occurred in the Wards.**

	Hasland	West	Rother	St. Leonards.	Holmebrook	Central	Trinity	St. Helen's	Moor	Newbold	Old Whittington	New Whittington	Transferable Deaths	TOTAL.
Enteric Fever .....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Small Pox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles .....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	.....	.....	.....	5
Scarlet Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whooping Cough .....	.....	.....	2	1	1	.....	.....	.....	1	2	.....	.....	.....	7
Diphtheria .....	.....	.....	3	4	.....	.....	2	2	.....	.....	3	.....	.....	14
Influenza .....	3	.....	6	3	.....	5	7	.....	1	4	1	1	.....	31
Encephalitis Lethargica .....	2	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	4
Meningococcal Meningitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuberculosis of Respiratory System .....	1	1	12	3	3	3	2	2	3	3	5	1	.....	39
Other Tuberculous Diseases .....	.....	1	5	2	.....	2	1	1	1	3	1	1	.....	18
Cancer, Malignant Disease .....	8	9	5	2	5	15	8	3	5	3	5	2	2	72
Rheumatic Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Diabetes .....	1	1	1	.....	.....	3	1	1	2	.....	1	.....	1	14
Cerebral Haemorrhage, etc. ....	1	5	3	2	5	5	8	2	3	4	6	2	.....	46
Heart Disease .....	10	10	16	14	11	21	14	5	18	19	13	14	3	168
Arterio-Sclerosis .....	2	.....	1	1	.....	1	1	2	5	2	2	2	.....	19
Bronchitis .....	.....	1	4	5	6	6	4	.....	2	1	3	4	.....	36
Pneumonia (all forms) .....	2	3	12	8	4	4	6	2	7	3	4	2	2	59
Other Respiratory Diseases .....	.....	.....	1	1	1	1	1	.....	.....	2	4	.....	.....	11
Ulcer of Stomach or Duodenum .....	1	.....	.....	2	1	.....	.....	.....	.....	.....	1	.....	.....	5
Diarrhoea (under 2 years) .....	.....	.....	1	1	.....	.....	1	.....	1	2	.....	1	.....	7
Appendicitis .....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	3
Cirrhosis of Liver .....	.....	.....	.....	.....	2	1	1	.....	.....	.....	1	.....	.....	5
Acute and Chronic Nephritis .....	1	.....	.....	1	.....	1	.....	.....	4	1	.....	1	1	10
Puerperal Sepsis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other Accidents and Diseases of Pregnancy and Parturition .....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2
Congenital Debility, Malformation and Premature Birth .....	1	.....	8	5	6	2	5	5	1	4	2	1	.....	40
Suicide .....	1	1	2	.....	1	1	1	.....	.....	.....	1	.....	.....	8
Other Deaths from Violence .....	3	1	3	1	1	3	1	3	3	2	1	.....	2	24
Other Defined Diseases .....	7	6	17	14	9	11	12	5	7	14	11	3	3	118
Causes ill-defined or unknown .....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2
<b>TOTALS .....</b>	<b>44</b>	<b>39</b>	<b>105</b>	<b>70</b>	<b>56</b>	<b>85</b>	<b>78</b>	<b>37</b>	<b>66</b>	<b>75</b>	<b>65</b>	<b>35</b>	<b>14</b>	<b>769</b>

NOTE.—Of the total deaths occurring in the Borough, 210 actually died in Institutions, *i.e.*, Royal Hospital 81, Penmore Hospital 13, Union Infirmary 105, Walton Sanatorium 5, Maternity Home 6. These deaths have been allocated amongst the various wards.



## APPENDIX 8.

## Infant Mortality during the Year.

Deaths from stated causes at various ages under 1 year of age.

Cause of Death.	under 1 week.	1—2 weeks.	2—3 weeks.	3—4 weeks.	Total under 4 weeks	1 mon. & under 3 mons.	3—6 months	6—9 months	9—12 months	Total deaths under 1 year.
Measles .....	....	....	....	....	....	....	1	....	....	1
Scarlet Fever .....	....	....	....	....	....	....	....	....	....	....
Whooping Cough .....	....	....	....	....	....	2	....	2	....	4
Influenza .....	....	....	....	....	....	....	1	1	....	2
Bronchitis .....	....	....	....	....	....	....	1	....	2	3
Pneumonia .....	....	....	1	....	1	....	....	1	5	7
Other Tuberculous Diseases .....	....	....	....	....	....	1	....	2	....	3
Other Respiratory Diseases .....	....	....	....	....	....	....	....	....	....	....
Diarrhoea and Enteritis .....	1	....	....	2	3	2	1	....	1	7
Congenital Malformations .....	2	2	1	....	5	....	3	....	....	8
Premature Birth .....	16	1	4	1	22	....	....	....	....	22
Debility .....	2	....	1	3	6	....	1	1	....	8
Convulsions .....	....	....	....	....	....	1	1	....	....	2
All other causes .....	7	....	....	....	7	2	4	1	1	15
<b>TOTAL DEATHS</b> .....	<b>28</b>	<b>3</b>	<b>7</b>	<b>6</b>	<b>44</b>	<b>8</b>	<b>13</b>	<b>8</b>	<b>9</b>	<b>82</b>



**APPENDIX 9.**  
**Infant Mortality in the Wards.**

Disease.	Hasland	West	Rother	St. Leonard's	Holmebrook	Central	Trinity	St. Helen's	Moor	Newbold	Whittington Old	Whittington New
Measles	....	....	....	....	....	....	....	....	1	....	....	....
Scarlet Fever	....	....	....	....	....	....	....	....	....	....	....	....
Whooping Cough	....	....	2	....	1	....	....	....	....	1	....	....
Influenza	1	....	....	....	....	....	....	....	1	....	....	....
Bronchitis	....	....	2	....	....	....	....	....	....	1	....	....
Pneumonia	1	....	1	1	1	....	1	....	1	1	....	....
Other Tuberculous Disease	....	....	2	....	....	....	1	....	....	....	....	....
Other Respiratory Disease	....	....	....	....	....	....	....	....	....	....	....	....
Diarrhoea and Enteritis	....	....	1	1	....	....	1	....	1	2	....	1
Congenital Malformations	....	....	1	2	....	1	1	1	1	....	....	1
Premature Birth	....	....	5	2	6	....	2	1	....	4	2	....
Debility	1	....	1	1	....	1	2	3	....	....	....	....
Convulsions	....	....	2	....	....	....	....	....	....	....	....	....
All other causes	....	2	3	1	1	2	2	....	1	1	1	....
<b>TOTAL DEATHS</b>	<b>3</b>	<b>2</b>	<b>20</b>	<b>8</b>	<b>9</b>	<b>4</b>	<b>10</b>	<b>5</b>	<b>6</b>	<b>10</b>	<b>3</b>	<b>2</b>



## DEATH RATES.

Year.	Chesterfield		England & Wales Death Rate.
	No. of Deaths.	Death Rate.	
1925	776	11.8	12.2
1926	741	11.1	11.6
1927	788	11.8	12.3
1928	667	10.16	11.7
1929	769	11.78	13.4

## APPENDIX 10.

## TRANSFERABLE DEATHS.

Institution.	Males.	Females.	Total.
Royal Hospital, Sheffield .....	2	1	3
Royal Infirmary, Manchester .....	1	.....	1
Derby Royal Hospital .....	1	.....	1
General Hospital, Nottingham .....	.....	1	1
County Asylum, Mickleover .....	2	2	4
Other Institutions .....	2	2	4
TOTAL .....	8	6	14

## APPENDIX 11.

## Infantile Mortality Rates.

Year.	Chesterfield			England and Wales Rate.
	Births.	Under 1 yr. Deaths	Rate.	
1925	1488	111	74	75
1926	1396	117	83	70
1927	1243	99	79	69
1928	1261	84	66	65
1929	1213	82	67.6	74

### Infant Deaths.

#### Ward Mortality Rates.

	Chesterf'd	Hasland	West	Rother	St. Leon.	H'me-brook	Central	Trin'y	St. Helens	Moor	Newbold	Old Whit.	New Whit.
No. of Births ..	1213	70	63	240	97	111	92	83	51	130	122	103	51
No. of Deaths (under 1) ..	82	3	2	20	8	9	4	10	5	6	10	3	2
Infant Mortality Rate ..	67.6	43	32	82	82	81	44	120	98	46	82	29	39

### APPENDIX 12.

#### Cancer Deaths.

Year.	No. of Deaths.	Males.	Females.	Death Rate.	Deaths from all causes	Percentage of Total Deaths.
1925	61	33	28	.93	776	7.8
1926	71	37	34	1.06	741	9.5
1927	76	42	34	1.14	788	9.3
1928	93	48	45	1.42	667	13.9
1929	72	40	32	1.10	769	9.3

### APPENDIX 13.

#### Cancer Deaths. Parts of Body affected.

Parts affected.	Age Sex	Under 35		35—45		45—55		55—65		65—75		75 & up		Total.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Peritoncum, Intestines, & Rectum ..		1	..	1	..	2	1	..	..	1	2	3	..	8	3
Stomach, Liver, etc.		..	..	..	..	7	..	1	4	4	2	2	1	14	7
Reproductive Organs		..	..	..	2	..	1	..	4	..	..	..	1	..	8
Breast		..	..	..	..	..	1	..	4	..	1	..	1	..	7
Other Glands		..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mouth		..	..	..	..	..	..	..	..	2	1	..	..	2	1
Bones		..	..	..	..	1	..	1	..	1	..	..	..	3	..
Other Parts		..	..	1	1	2	2	3	1	3	3	3	..	12	7
TOTAL		1	..	2	3	12	5	5	13	11	9	8	3	39	33
		1		5		17		18		20		11		72	

## APPENDIX 14.

## Notifiable Diseases during the Year.

Disease.	Total Cases Notified.	Cases admit. to Hospital.	Total Deaths.
Smallpox .....	24	24	.....
Scarlet Fever .....	145	103	.....
Diphtheria .....	188	166	14
Enteric (Typhoid) Fever .....	2	1	1
Puerperal Fever .....	7	6	1
Puerperal Pyrexia .....	7	2	1
Cerebro-Spinal Fever .....	.....	.....	.....
Erysipelas .....	9	.....	.....
Encephalitis Lethargica .....	4	2	4
Acute Polio-Myelitis .....	.....	.....	.....
Pemphigus Neonatorum .....	1	.....	.....
Pneumonia .....	87	.....	59
Acute Cerebro-Spinal Meningitis .....	1	.....	.....
TOTALS .....	475	304	80

Disease.	Cases.			Vision Unim- paired	Vision Im- paired	Total Blind- ness.	D'ths
	Noti- fied.	Hos- pital.	At Home				
Ophthalmia Neonatorum	8	.....	8	7	1	.....	.....

## APPENDIX 15.

Table showing No. of Admissions, etc., to Penmore Isolation Hospital during the year.

	In Hosp. Jan. 1st 1929	Admitted	Dis- charged	Deaths	In Hos. Dec. 31st 1929
Scarlet Fever .....	7	103	86	.....	20
Diphtheria .....	19	168	160	11	20
Enteric Fever .....	.....	1	1	.....	.....
Measles .....	.....	1	1	.....	.....
Vincent's Angina .....	.....	1	1	.....	.....
Encephalitis					
Lethargica .....	1	2	2	1	.....
Puerperal Fever .....	.....	3	3	.....	.....
Chickenpox .....	.....	1	1	.....	.....
Erysipelas .....	.....	1	1	.....	.....
Totals .....	27	281	256	12	40
Tuberculosis .....	12	43	35	6	14

## APPENDIX 15(a).

Summary of Bacteriological Examinations carried out by the County Health Laboratory.

	From Health Department.		From General Practitioners.	
	Positive.	Negative.	Positive.	Negative.
Diphtheria .....	23	551	16	78
Phthisis .....	.....	1	19	73
Enteric Fever .....	.....	.....	.....	4
Ringworm .....	35	17	.....	.....
Miscellaneous .....	.....	2	13	13
	—	—	—	—
Totals .....	58	571	48	168
	—	—	—	—

# APPENDIX 16.

## Prevalence of and Control over Infectious Diseases, Notified Cases, 1929.

DISEASE.		Cases notified in whole District.													Ward Distribution of Cases.											
		Total	At age Groups—Years.												Hasland.	Rother.	Central.	St. Leonard's.	West.	Holmebrook.	Trinity.	St. Helen's.	Newbold.	Moor.	Old Whitting.	New Whitting.
			under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	up. of 65												
Smallpox	..	24	..	..	..	..	1	3	6	9	3	2	..	..	..	..	2	1	2	..	4	1	3	6		
Scarlet Fever	..	145	..	1	5	8	68	26	14	15	3	..	..	..	11	15	6	7	13	9	21	13	27	6		
Diphtheria	..	188	..	1	7	12	9	111	35	7	..	1	..	..	8	47	7	9	20	4	8	3	14	11		
Enteric Fever	..	2	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	..	..	..	..		
Puerperal Fever	..	7	..	..	..	..	..	..	..	6	1	..	..	..	..	2	2	1	..	2	..	..	..	..		
Puerperal Pyrexia	..	7	..	..	..	..	..	..	..	7	..	..	..	..	..	1	..	2	1	2	..	..	..	..		
Pneumonia	..	87	5	7	2	3	2	13	5	4	14	21	8	13	9	7	10	8	31	1	2	..	1	1		
Erysipelas	..	9	..	..	..	..	..	..	..	1	1	5	2	2	..	1	..	..	2	2	1	..	..	..		
Ophthalmia Neonatorum	..	8	8	..	..	..	..	..	..	..	..	..	..	2	1	2	1	3	1	..	..	..	..	..		
Encephalitis Lethargica	..	4	..	..	..	..	1	..	..	2	1	..	..	..	..	..	..	..	1	..	..	2	..	..		
Pemphigus Neonatorum	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..		
Acute Cerebro-Spinal Meningitis	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..		
Totals	..	483	15	9	14	20	19	194	32	51	23	29	10	89	33	60	28	31	71	22	36	19	45	24		

**APPENDIX 17.**  
**Notifiable Diseases—Analysis of Deaths as they occurred in the Wards.**

Disease.	Hasland	West	Rother	St. Leonards	Holme-Brook	Central	Trinity	St. Helen's	Moor	Newbold	Old Whit.	New Whit.
Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	..	..	3	4	..	..	2	2	..	..	3	..
Enteric (Typhoid) Fever ..	..	..	..	..	..	..	..	1	..	..	..	..
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Pyrexia ..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-Spinal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ..	..	..	..	..	..	..	..	..	..	..	..	..
Encephalitis Lethargica ..	1	..	..	..	..	..	..	1	1	1	..	..
Acute Polio-Myelitis ..	..	..	..	..	..	..	..	..	..	..	..	..
Pemphigus Neonatorum ..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia ..	2	4	12	8	4	4	6	2	8	3	4	2
Acute Cerebro-Spinal Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	3	4	15	12	4	4	8	6	9	4	7	2

Appendix 17 (Contd.)  
Notifiable Diseases. Analysis of Deaths. Age Groups.

Disease.	AGE GROUPS.												
	At all Ages	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	14	..	..	..	2	1	9	2	..	..	..	..	..
Enteric (Typhoid) Fever ..	1	..	..	..	..	..	..	..	..	..	..	1	..
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Pyrexia ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-Spinal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Encephalitis Lethargica ..	4	..	..	..	..	..	1	..	..	2	1	..	..
Acute-Polio-Myelitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pemphigus Neonatorum ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia ..	59	7	13	3	3	..	4	..	2	..	6	13	8
Acute Cerebro-Spinal Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	78	7	13	3	5	1	14	2	2	2	7	14	8

## APPENDIX 18.

## Tuberculosis.

AGE PERIODS	NEW CASES				DEATHS.			
	Pulmonary.		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year	.....	.....	1	1	.....	.....	2	1
1—5 years .....	1	1	7	3	1	.....	3	2
5—10 „ .....	.....	2	8	3	.....	.....	3	1
10—15 „ .....	.....	2	2	.....	.....	1	1	.....
15—20 „ .....	3	5	2	.....	.....	3	1	.....
20—25 „ .....	1	4	.....	3	3	5	2	1
25—35 „ .....	8	8	.....	1	3	4	.....	.....
35—45 „ .....	7	3	1	.....	7	2	1	.....
45—55 „ .....	7	2	.....	1	6	.....	.....	.....
55—65 „ .....	3	1	.....	.....	1	1	.....	.....
65 & upwards	1	.....	.....	.....	2	.....	.....	.....
Totals .....	31	28	21	12	23	16	13	5



## APPENDIX 19.

## Ward Distribution of Tuberculosis.

Wards.	Notifications.	Deaths.
Hasland .....	5	1
West .....	3	2
Rother .....	22	17
St. Leonard's .....	9	5
Holme Brook .....	2	3
Central .....	6	5
Trinity .....	4	2
St. Helen's .....	10	4
Moor .....	10	4
Newbold .....	10	6
Old Whittington .....	6	6
New Whittington .....	5	2
TOTALS .....	92	57

## APPENDIX 20.

## Hospitals Relief. Chesterfield and North Derbyshire Hospital.

Beds available daily ... ..	190
Average number of patients (resident) ...	183
Number admitted as in-patients ... ..	2,798
Average number days residence per patient...	23.9
Operations ... ..	<b>4,664</b>
Deaths ... ..	201
Number of Out-patients ... ..	12,361

## APPENDIX 21.

### LIST OF ADOPTIVE ACTS, BYE-LAWS AND LOCAL REGULATIONS RELATING TO PUBLIC HEALTH.

#### *Acts of Parliament adopted by the Council.*

- Baths and Wash-houses Acts, 1846-1899.—Adopted 1892.
- Infectious Disease (Notification) Act, 1889.—Adopted 8th October, 1890.
- Infectious Disease (Prevention) Act, 1890.—Adopted 17th November, 1890.
- Public Health Acts (Amendment) Act, 1890.—Adopted 10th March, 1891.
- Public Health Acts (Amendment) Act, 1907, Parts II. (except Section 26), III., IV., V. (except Sections 69 and 75 [1]), VI., and X., with certain variations.—Adopted by Section 7 of the Chesterfield Corporation Act, 1923—previously adopted in March, 1910.
- Notification of Births Act, 1907.—Adopted 9th November, 1907.
- The Public Health Act, 1925, Part II. (except Sections 33 and 34), Parts III., IV., and V.—Adopted 1st February, 1926.

#### *Local Acts.*

- The Chesterfield Corporation Act, 1923.

#### *Bye-Laws.*

- Ashpits, Water Closets, Earth Closets, Privies and Cesspools to be subject to Building Bye-laws.—10th July, 1894.
- Cleansing of Footpaths, Pavements and Cesspools.—10th February, 1891.
- Common Lodging House.—6th July, 1920.
- New Streets and Buildings.—16th November, 1927.
- Nuisances.—10th February, 1891.
- Offensive Trades.—9th June, 1914.
- Slaughterhouses.—10th February, 1891.
- Houses let in Lodgings.—May, 1905.
- Tents, Vans and Sheds.—7th August, 1917.
- Yards, paving of.—10th July, 1894.

## APPENDIX 22.

## PROFESSIONAL NURSING IN THE HOME.

*Names and Addresses of Visiting Nurses:—*

Mrs. Burrows, 5, Church Street, Old Whittington.

Mrs. Tait, 33, Sheffield Road.

Miss Hemmingway, 214, Old Road, Brampton.

Miss Brown, 28, Littlemoor Crescent, Newbold.

Miss Robinson, 192, Hasland Road, Hasland.

Mrs. Hoult, 110, Tapton View Road.

*Summary of Work for the year 1929:—*

				Cases Attended.	Visits Paid.
Mrs. Burrows ...	...	...	...	305	3,472
Miss McGrath ...	...	...	...	309	2,826
Miss McGuffog ...	...	...	...	368	2,752
Mrs. Tait ...	...	...	...	267	2,942
Miss Hemmingway ...	...	...	...	511	5,061
Miss Brown ...	...	...	...	310	3,325
Miss Robinson ...	...	...	...	68	669
Mrs. Hoult ...	...	...	...	46	705
				<hr/> 2,184 <hr/>	<hr/> 21,752 <hr/>

## APPENDIX 23.

## Clinics and Treatment Centres.

Name and situation of Clinic.	Open on.	Provided by.
(1) <b>Child Welfare Clinic</b> at—		
(a) Maternity Home .....	Monday, Tuesday and Wednesday afternoons .....	Chesterfield Corporation (M. & C.W. Committee)
(b) Whittington Moor .....	Monday afternoons	do.
(c) New Whittington .....	Tuesday afternoons	do.
(2) <b>Ante-Natal Clinic</b> at Maternity Home .....	Thursday and Friday afternoons	do.
(3) <b>School Clinic</b> at 59, Saltergate—		Chesterfield Education Committee
(a) Minor Ailment Treatment	Daily mornings	
(b) Medical Inspection and Consultation .....	Tuesday and Friday mornings	do.
(c) Ophthalmic .....	Tuesday and Saturday mornings	do.
(d) Dental .....	Daily mornings	do.
(4) <b>Tuberculosis</b> at Brimington Road .....	Tuesdays and Fridays from 10 a.m. to 12-30 p.m. and 2 p.m. to 5 p.m.	County Council of Derbyshire
(5) <b>Venereal Diseases</b> At Chesterfield and North Derbyshire Royal Hospital .....	<b>Males—</b> Tuesdays, 4-30 to 6-30 p.m. Fridays, 2-30 to 4-30 p.m.  <b>Females—</b> Tuesdays, 2 to 4 p.m. Fridays, 11 a.m. to 12-30 p.m.	County Council of Derbyshire

## APPENDIX 24.

### *Hospitals Provided or Subsidised by the Local Authority or by the County Council.*

#### A. (1) FEVER.

Penmore Isolation Hospital, situated in Hasland Ward, has 58 beds for scarlet fever, diphtheria, typhoid, and other acute specific infectious diseases such as poliomyelitis, encephalitis lethargica, measles, enteritis, or any other infectious disease in which the circumstances render it necessary or advisable that the case be removed to hospital.

#### (2) SMALLPOX.

Spital Smallpox Hospital, situated off Spital Lane in the extreme south of the Borough, has been open now for eight years for the reception of cases of mild smallpox from Chesterfield and North-East Derbyshire, and by arrangement from Mansfield and some other outside authorities.

#### B. (1) TUBERCULOSIS.

Walton Sanatorium, belonging to the Derbyshire County Council, but situated in the Borough of Chesterfield, has accommodation for 124 patients suffering from tuberculosis. Penmore Tuberculosis Pavilion has 18 beds for advanced cases of pulmonary tuberculosis. These 18 beds were occupied by male patients till February, 1927, when, by arrangement with the County Council, the male patients were exchanged for female patients.

#### (2) MATERNITY.

The Chesterfield Municipal Maternity Home has 26 beds for maternity cases. Three of these beds are reserved for cases admitted by the County Council. The remaining 23 beds are for Borough cases.

#### (3) CHILDREN.

There are children's wards at the Chesterfield and North Derbyshire Royal Hospital, also in the Infirmary, Newbold Road, Chesterfield, under the Guardians.

#### (4) OTHER.

General medical and surgical cases are admitted to the Chesterfield and North Derbyshire Royal Hospital (190 beds) from Chesterfield and North-East Derbyshire. The Guardians provide 205 beds at the Union Infirmary. The Corporation

**APPENDIX 24—(Contd.)**

pay an annual contribution to the Royal Hospital, this amount being at the rate of one-third of the total amount contributed by Corporation employees.

There is no institutional provision for unmarried mothers, illegitimate children and homeless children in the area except that provided by the Guardians at the Infirmary and Children's Home.

*Ambulance Facilities.***(a) FOR INFECTIOUS CASES :—**

- (1) Motor ambulance at Penmore Hospital for fever cases.
- (2) Motor ambulance at Spital Hospital for smallpox cases.

**(b) FOR NON-INFECTIOUS CASES.**

- (1) Borough Ambulance controlled by the Watch Committee of the Corporation.
- (2) Ambulances owned and run by collieries, ironworks, etc., in the district.

**APPENDIX 25.****Corporation Maternity Home.****Summary of Work during the Year.**

	Borough	County	Total.
No. of cases admitted since the opening	1938	841	2779
No. of cases admitted during 1929	303	152	455
No. of Babies born during year :—			
Live Births	261	117	378
Still Births	15	22	37
No. of Mothers discharged	298	141	439
No. of Mothers died	1	3	4
No. of Infants died	5	4	9
No. of cases remaining in the Home on December 31st, 1929 :—			
Mothers	13	7	20
Infants	9	5	14



**APPENDIX 26.****Maternity and Child Welfare.**

**Attendances at each of the Maternity and Child Welfare Centres, 1929.**

	Infants & Children Attending	Total Attend. made	Average Weekly Attend.
Maternity Home (North & Central Wards)	478	3155	70.1
Maternity Home (West Ward) .....	356	2878	63.9
Maternity Home (South Ward)	340	2799	62.2
Adult School, Whittington Moor	352	3419	75.9
Adult School, New Whittington	143	1519	33.7
	1669	13770	61.8

**Summary of Work done at Infant Welfare Centres and Ante-Natal Clinics.**

Total No. of Children attending Centres .....	1669
Total Attendances .....	13770
No. of Children who made first attendances .....	774
No. of visits made by these children .....	5410
No. of children attending in current year who attended in previous year .....	895
No. of visits made by these children .....	8360
No. of New attenders under 1 year of age .....	682
No. of New attenders between 1—5 years of age .....	92

**Ante-Natal Clinic.**

No. of first attendances .....	339
No. of re-attendances .....	691

**Methods of Feeding on First Attendance at the Centres.**

Method	Total
Natural (Breast) .....	509
Artificial (various) .....	119
Combined (Natural and Artificial) .....	54
Children over 1 year—various diets .....	81
Breast feeding over 1 year of age .....	11
Total .....	774

## APPENDIX 27.

*Summary of Work done by the Health Visitors during the year.*

Number of first visits to infants ...	...	...	1,260
„ „ re-visits to infants ...	...	...	3,412
„ „ visits to Children 1—5 years ...	...	...	4,048
„ „ first visits to Expectant Mothers ...	...	...	157
„ „ re-visits to Expectant Mothers ...	...	...	65
„ „ Sanitary Defects reported to Sanitary Inspectors ...	...	...	16
„ „ other visits ...	...	...	521

## APPENDIX 28.

Table showing Types and Numbers of the various Sanitary Conveniences in dwelling-houses in the Borough according to Wards.

Ward.	Water Closets	Waste Water Closets.	Privies.	Pails.	Middens.	Fixed Dry Ashpits.	Portable Dust Bins.
Central ....	1127	56	2	....	1	....	1127
Hasland ....	1142	15	2	....	2	....	1156
Rother ....	2040	26	13	....	8	1	2051
St. Leonard's	1191	4	48	....	32	....	1131
Trinity ....	1235	2	....	....	....	....	1249
St. Helen's	545	33	28	....	21	....	613
Holme Brook	1122	55	5	....	5	....	1190
West ....	1210	89	....	....	....	....	1285
Moor ....	1544	....	10	....	5	....	1457
Newbold	1566	4	53	31	45	18	1548
Old Whittington	959	....	41	49	24	14	926
New Whittington	947	6	28	....	14	....	903
	14628	290	230	80	157	33	14636

**APPENDIX 29.****SANITARY INSPECTION OF THE AREA.**

*Table showing the Work carried out by Sanitary Inspectors  
during 1929:—*

Complaints investigated	...	...	...	...	...	321
Nuisances found	...	...	...	...	...	755
Nuisances abated	...	...	...	...	...	591
Schoolrooms Disinfected	...	...	...	...	...	4
Houses Disinfected	...	...	...	...	...	470
Visits to Infected Houses	...	...	...	...	...	343
Visits to Dairies, Cowsheds and Milkshops	...	...	...	...	...	319
Visits to Bakehouses	...	...	...	...	...	57
Visits to Ice-Cream Shops	...	...	...	...	...	82
Visits to Butchers' Shops	...	...	...	...	...	358
Visits to Fishmongers' Shops	...	...	...	...	...	23
Visits to Other Premises where Foodstuffs are prepared and sold	...	...	...	...	...	173
Visits to Offensive Trades	...	...	...	...	...	130
Visits to Slaughterhouses	...	...	...	...	...	3,980
Visits to Markets	...	...	...	...	...	127
Visits to Manure Receptacles	...	...	...	...	...	42
Visits to Common Lodging Houses	...	...	...	...	...	128
Visits to Houses let in Lodgings	...	...	...	...	...	92
Visits to Factories and Workshops	...	...	...	...	...	103
Visits to Drains to New Buildings	...	...	...	...	...	249
Drains tested by Smoke or Water	...	...	...	...	...	247
Number of Re-inspections	...	...	...	...	...	2,221
„ „ Miscellaneous Visits	...	...	...	...	...	1,110
„ „ Observations re Smoke	...	...	...	...	...	145
„ „ Houses Inspected	...	...	...	...	...	259
„ „ Informal Notices	...	...	...	...	...	719
„ „ Statutory Notices	...	...	...	...	...	227

## APPENDIX 30.

*Record of Works carried out as a result of action taken  
by the Sanitary Inspectors.*

Obstructed Drains Cleansed ... ..	171
Drains Reconstructed ... ..	29
Drains Tested by Smoke or Water ... ..	19
Inspection Chambers Built or Repaired ... ..	20
Gully Traps Fixed ... ..	21
Defects in Drains Repaired ... ..	33
Sink Wastes Repaired ... ..	30
Bath and Lavatory Wastes Repaired ... ..	—
New Sinks fixed or Defects remedied ... ..	47
Rain Water Pipes Repaired ... ..	43
Rain Water Pipes Disconnected ... ..	12
W.C. and Vent Pipes Repaired ... ..	13
Eaves Spoutings Repaired ... ..	117
Privies converted into W.C.'s ... ..	22
Water Closets Repaired ... ..	229
W.C.'s Provided ... ..	140
Ashpits replaced with Bins ... ..	20
New Dustbins Provided ... ..	86
Dirty Closets Cleansed ... ..	28
Dirty Premises Cleansed ... ..	38
Dirty Urinals Cleansed ... ..	—
Urinals Repaired or Provided ... ..	1
Windows Repaired ... ..	157
Damp-proof Courses inserted in Walls ... ..	32
Roofs Repaired ... ..	156
Floors Repaired ... ..	125
Doors Repaired ... ..	61
Plastering Repaired ... ..	149
Damp Walls Repaired ... ..	117
Defective Fireplaces, etc., Repaired ... ..	167
Defective Water Supply Remedied ... ..	7
Houses Provided with Internal Public Water Supply ... ..	6
Proper Food Store Provided ... ..	13
Houses Overcrowded dealt with ... ..	2
Ventilation Provided or Improved ... ..	16
Yards Repaved ... ..	72
Yard or Footpath Surfaces Repaired ... ..	26
Accumulations of Refuse Removed ... ..	21
Nuisance from Fowls and Other Animals Abated ... ..	7
Manure Pits Provided or Repaired ... ..	—
Miscellaneous Defects Remedied ... ..	176
Rat-Infested Premises Cleared ... ..	14
Water in Cellar Cleared ... ..	8

## APPENDIX 31.

Table of Nuisances discovered and dealt with.

	No. of Informal Notices served by Sanitary Inspector.	No. of Legal Notices served by Local Authority (apart from action under Housing Act, 1925).	No. of Nuisances abated with or with- out Notice.
No. disconnection of waste pipe	2	.....	2
Defective waste pipe, traps, inlets and drains	87	6	110
Drains obstructed	169	5	171
CLOSETS AND ASHPITS :—			
Defective privies, pail closets and Ashpits (not for conversion)	.....	.....	.....
Conversion of privies into W.C.'s	.....	4	22
Conversion of pail closets into W.C.'s	.....	.....	.....
Conversion of privies into pail closets	.....	.....	.....
Defective water closets	135	11	188
Provision of additional W.C.'s	6	39	140
Provision of portable Ashbins	48	21	106
Dirty closets	23	.....	28
Paving of courts and yards	49	39	98
Roofs, eaves-spouts and down-spouts	73	5	129
Sinks	14	2	18
Insufficient ventilation	2	.....	2
Windows	14	.....	17
Dampness	15	1	21
Water in cellars	9	.....	8
Water Supply	7	1	13
Overcrowding	4	.....	2
Foul condition of houses	19	.....	24
Offensive accumulations	22	.....	21
Animals improperly kept	8	.....	7
Pigsties	2	.....	2
Smoke observations	19	1	19
Urinals	.....	.....	.....
Nuisances not specified above	89	.....	107
Totals	816	135	1255



## APPENDIX 31 (Contd.).

	No, on Register.	Inspec- tions made.	Notices Served.	Nuisances abated with or without Notice.
Dairies, Cowsheds and Milkshops .....	237	319	7	17
Bakehouses .....	32	57	6	6
Slaughterhouses .....	33	3980	.....	.....
Offensive Trades .....	70	130	12	11
Common Lodging-houses .....	5	128	10	9
Totals .....	377	4614	35	43

## APPENDIX 32.

## Smoke Abatement—Summary of Observations, 1929.

Name of Firm.	No. of Observations made.	Total Mins. emission of black smoke.	Average No. of Mins. per hour of black smoke.	No. of Boilers.
Brampton Brewery Co. ....	13	5 $\frac{1}{4}$	.8	1 & copper
Blackburns, Victoria Street West ....	4	1 $\frac{1}{4}$	.1	1
Chesterfield Brewery Co. ....	10	10 $\frac{3}{4}$	2.2	2
Chesterfield Tube Co. ....	6	7 $\frac{1}{2}$	2.5	4
Chesterfield Royal Hospital	3	$\frac{1}{2}$	.3	2
Chesterfield Electricity Works .....	2	.....	.....	4
Chesterfield Steam Laundry	5	8	.3	2
Eastwoods Wagon Works ....	2	.....	.....	1
Eyre & Sons, Ltd. ....	8	6 $\frac{1}{4}$	1.6	1
Lamp Caps, Ltd. ....	1	1	2.0	1
Midland Fruit Preserving Co.	6	5	1.6	2
Maternity Home Laundry ....	1	.....	.....	1
Pearson & Co., Pottery Lane	3	3 $\frac{3}{4}$	2.5	2
Pearson, Jas. & Co., Oldfield Pottery ....	3	9 $\frac{1}{2}$	5.4	1
Plowrights Ltd. ....	8	9 $\frac{3}{4}$	2.4	2
Robinson & Sons, Ltd., Wheatbridge Works ....	27	56	4.1	4
Robinson & Sons, Chester Street ....	1	4 $\frac{3}{4}$	9.5	1
Rodgers, S. T., Whittington	4	7 $\frac{3}{4}$	3.9	1
Scarsdale Brewery Co. ....	10	13 $\frac{1}{4}$	2.7	1 & copper
Townrow & Sons, Ltd. ....	13	10 $\frac{1}{2}$	1.6	2
Union Workhouse ....	4	4 $\frac{1}{2}$	2.3	2
Wright Ed. & Sons, Wheatbridge Road ....	10	3 $\frac{1}{2}$	.7	1 & kiln
Wagon Repairs Ltd., Whittington ....	1	.....	.....	1
	145	116 $\frac{3}{4}$	2.0	40, 1 kiln and 2 coppers.

**APPENDIX 33.****Premises and Occupations which can be controlled by Byelaws and Regulations.**

The following table shows the character and number of such premises in the Borough:—

Common Lodging-houses	...	...	...	...	5
(One, the municipal Hostel, is owned and supervised by the Corporation. Meals can be obtained and the Hostel has accommodation for 160 men.)					
Houses Let in Lodgings	...	...	...	...	2
Slaughter-houses	...	...	...	...	33
*Tripe Boilers	...	...	...	...	3
*Gut Scrapers	...	...	...	...	2
*Tan Yards	...	...	...	...	1
*Tallow Melters	...	...	...	...	1
*Dealers in Rags and Bones	...	...	...	...	3
Bakehouses	...	...	...	...	32
*Fried Fish Shops	...	...	...	...	58
Dairies, Cowsheds and Milkshops	...	...	...	...	143
Tents, Vans, Sheds	...	...	...	...	78
Workshops of various kinds	...	...	...	...	208

**APPENDIX 34.****Common Lodging Houses.**

Situation.	Registered number of Lodgers.	Remarks.
Municipal Hostel, Hipper Street .....	160	Owned by Corporation. Meals served.
33, Durrant Road .....	82	.....
47, St. Mary's Gate .....	49	Closed in March, 1930, and converted to Tenement House.
47, Lordsmill Street .....	41	.....
The "Swan" St. Mary's Gate .....	21	.....

## APPENDIX 35.

(b) The following figures summarise the results of Meat Inspection for the year 1929 :—

	Tons.	Cwts.	Qrs.	Lbs.
Diseased and Unsound Beef .....	6	12	.....	10
Diseased and Unsound Pork .....	2	14	.....	13
Diseased and Unsound Mutton .....	.....	3	2	15
Diseased and Unsound Veal .....	.....	1	1	.....
Diseased and Unsound Offals .....	4	13	2	1
	14	4	2	11
Various other Foods—Vegetables, Fish, Tinned Goods, etc. ....	4	7	3	14
Total for all Foods .....	18	12	1	25

No. of Carcases Inspected :—4,188 Beasts ; 341 Calves ; 4,608 Sheep ; 8,219 Pigs.

No. of Visits to Slaughterhouses .....	3,980
No. of Visits to Butchers' Shops .....	358
Percentage of Beasts found Tuberculous .....	5.4
Percentage of Pigs found Tuberculous .....	5.23

The following table gives a summary of the results of meat inspection annually for the last ten years. The high figures since 1925 are largely due to the active operation of the Public Health (Meat) Regulations, 1925 :—

Year.	Visits to Slaughter-houses.	Diseased Meat and Organs destroyed.				Total Weight of all Food Destroyed			
		Tons.	Cwts.	Qrs.	Lbs.	Tons.	Cwts.	Qrs.	Lbs.
1920	1380	6	13	2	6	11	6	2	21
1921	1596	2	18	3	5	10	15	3	25
1922	951	2	15	2	24	5	15	2	24
1923	1008	3	1	.....	.....	6	12	3	24
1924	1417	4	6	.....	4	6	1	2	11
1925	3402	13	8	.....	25	14	.....	1	17
1926	3510	12	4	.....	10	13	3	.....	14
1927	3279	15	15	1	21	16	6	1	22
1928	3685	13	19	.....	26	14	9	3	8
1929	3980	14	4	2	11	18	12	1	25

**APPENDIX 36.**  
**Sale of Food and Drugs Act.**

Nature of Food.	No. of samples obtained.	No. genuine.	No. not genuine or below standard (including appeal samples).	Prosecutions-
Milk .....	155	142	13	2
Cream .....	6	6	.....	.....
Butter .....	19	19	.....	.....
Cream Cheese .....	2	2	.....	.....
Cheese .....	2	2	.....	.....
Lard .....	4	4	.....	.....
Margarine .....	1	1	.....	.....
Coffee .....	1	1	.....	.....
Bacon .....	1	1	.....	.....
Jam .....	1	1	.....	.....
Honey .....	1	1	.....	.....
Sausage .....	6	6	.....	.....
Pepper .....	1	1	.....	.....
Vinegar .....	1	1	.....	.....
Mustard .....	1	1	.....	.....
Cake Cream .....	1	.....	1	.....
Ice Cream .....	1	1	.....	.....
Non-Alcoholic Wine .....	1	1	.....	.....
Beer .....	3	3	.....	.....
Whisky .....	2	2	.....	.....
Brandy .....	1	1	.....	.....
Cream of Tartar .....	1	1	.....	.....
Spirit of Nitre .....	1	.....	1	.....
Tincture of Iodine .....	1	1	.....	.....
Cod Liver Oil .....	1	1	.....	.....
	215	200	15	2

**Summary of Work for the last Five Years.**

Year.	Number Samples Obtained	Number Genuine.	Number below Standard	Per-centage	Prose-cutions	Amount of fine and costs imposed.
1925	206	178	28	13.5	5	£40/12/6
1926	207	186	21	10.1	2	£25/0/0
1927	188	135	22	11.7	.....	.....
1928	229	205	24	10.4	3	£17/2/0
1929	215	200	15	6.9	2	£27/2/0

**APPENDIX 37.****1.—Factories and Workshops.**

The following table shows the number of workshops on the register at the end of the year :—

Factory—Bakehouses	.....	.....	.....	14
Workshops—Bakehouses	.....	.....	.....	18
Dressmakers	.....	.....	.....	18
Milliners	.....	.....	.....	23
Woodworkers	.....	.....	.....	20
Tailors	.....	.....	.....	22
Saddlers	.....	.....	.....	3
Smiths (tin and iron)	.....	.....	.....	14
Boot Makers and Repairers	.....	.....	.....	24
Cycle and Motors	.....	.....	.....	24
Other Trades	.....	.....	.....	28
				<hr/> 208 <hr/>

**2.—Inspection of Factories and Workshops.**

Premises.	No. of Inspections.	No. of Notices.	No. of Prosecutions
Factories, including factory laundries	25	2	.....
Workshops, including workshop laundries	135	13	.....
Outworkers' premises	7	.....	.....
	<hr/> 167	<hr/> 15	<hr/> .....

**3.—Defects found in Factories and Workshops.**

Particulars of Nuisances under the Public Health Acts.	Found.	Remedied.	Referred to H.M. Inspect.	No. of Prosecu- tions ins'tuted
Want of Cleanliness	10	10	.....	.....
Want of Ventilation	.....	.....	.....	.....
Overcrowding	.....	.....	.....	.....
Want of Drainage of floors	1	1	.....	.....
Other Nuisances	4	4	.....	.....
SANITARY ACCOMMODATION—				.....
Insufficient	.....	.....	.....	.....
Unsuitable or defective	.....	.....	.....	.....
Not separate for sexes	.....	.....	.....	.....
Totals	15	15	.....	.....



## APPENDIX 38.

BOROUGH OF CHESTERFIELD CLEANSING  
DEPARTMENT.

## CLEANSING SERVICES.

During the year 1929—30 the following work has been carried out by the Department:—

## REFUSE COLLECTION.

Number of Bins emptied ... ..	710,596
„ „ Pits emptied ... ..	939
Refuse collected ... ..	19,629 tons.
Yield per 1,000 population per day (365 days) ... ..	16.14 cwts.

## REFUSE DISPOSAL.

Tonnage disposed by Screening Plant ... ..	16,798 tons.
By Tipping ... ..	3,580 „
Total ... ..	<u>20,378 tons.</u>

An income of approximately £1,011 has been derived from the sale of material.

## STREET CLEANSING.

Mileage of Streets ... ..	72.6 miles.
Gullies emptied ... ..	23,685
Tonnage of Gully Refuse ... ..	1,357 tons
Tonnage of Street Refuse ... ..	2,885 „

## PUBLIC URINALS.

Number in Borough ... ..	24
„ of Cleansings per year ... ..	7,208

## APPENDIX 39.

[COPY]

John Evans, F.I.C.

Public Analyst's Laboratory,

67, Surrey Street,

Sheffield.

Ref. Report No. 152a.

*Report on Sample of Water received from**Mark:— “ Linacre Filters.”*

## PHYSICAL CHARACTERS.

Suspended Matter	...	...	...	...	None
Appearance in a Column 2ft. long	...	clear,	colourless		
Taste	...	...	...	...	Normal
Odour	...	...	...	...	None

## CHEMICAL EXAMINATION.

					Parts per 100,000
Total Solid Matter	...	...	...	...	17.40
Loss on Ignition	...	...	...	...	2.56
Chlorine	...	...	...	...	2.14
Equivalent to Sodium Chloride	...	...	...	...	3.51
Nitrites	...	...	...	...	None
Nitrates as Nitrogen	.....	...	...	...	0.088
Poisonous Metals (Lead, etc.)	...	...	...	...	None
Total Hardness	...	...	...	...	7.9
Oxygen absorbed in four hours at 80°F.	...	...	...	...	0.0635
Ammoniacal Nitrogen	...	...	...	...	0.0016
Albuminoid Nitrogen	...	...	...	...	0.0088

## BACTERIOLOGICAL EXAMINATION.

Number of Organisms per c.c.

Gelatine.	Agar.	Bile Salt Agar.
2	0	0

B. Coli Communis:

Absent in 100 c.c. of the Water.

B. Enteritidis Sporogenes Test:

Negative with 10 c.c. of the Water.

(Signed) JOHN EVANS.

[COPY]

Public Analyst's Laboratory,  
67, Surrey Street,  
Sheffield.

Ref. Report No. 350.

*Report on Sample of Water received from**Mark:— " Whispering Well."*

## PHYSICAL CHARACTERS.

Suspended Matter	...	...	...	...	Trace
Appearance of a column 2ft. long	...	cloudy,	brownish		
Taste	...	...	...	...	Normal
Odour	...	...	...	...	None

## CHEMICAL EXAMINATION.

	Parts per 100,000				
Total solid matter	...	...	...	...	25.71
Loss on ignition	...	...	...	...	2.85
Chlorine	...	...	...	...	1.14
Equivalent to Sodium Chloride	...	...	...	...	1.89
Nitrites	...	...	...	...	None
Nitrates as Nitrogen	...	...	...	...	0.02
Poisonous Metals (Lead, etc.)	...	...	...	...	None
Total Hardness	...	...	...	...	19.4
Oxygen absorbed in four hours at 80°F.	...				0.0054
Ammoniacal Nitrogen	...	...	...	...	0.0096
Albuminoid Nitrogen	...	...	...	...	0.0072

## BACTERIOLOGICAL EXAMINATION.

## B. Coli Test:

Presumptive Coli Organisms (McConkey's medium), negative  
with 10 c.c's.

## B. Enteritidis Sporagenes Test:

With 10 c.c. of Water ... .. Negative

(Signed) JOHN EVANS.

## APPENDIX 40.

## DRAINAGE AND SEWERAGE.

The following are the particulars of Sewers laid during the year 1929:—

SEWERS.	Yards.	Sewer.
Highfield Road ... ..	419	9"
Spital Lane ... ..	390	9"
Isolation Hospital ... ..	73	6"
Highfields (Newland Dale Pond, North side)	79	6"
„ „ „ „ South side)	83	6"
„ Rhodes Avenue ... ..	243	9"
„ Morris Avenue ... ..	344	9"
„ Lucas Road (part of) ...	94	9"
„ Cul-de-sac ... ..	53	6"
Cobden Road to Catholic School Sewer	109	9"

  

SURFACE WATER DRAINAGE.	Surface Water Yards.	Drain.
Whitecotes Lane ... ..	400	9"
Sheffield Road (Brushes) ... ..	230	12"
Newbold Road ... ..	83	15"
Highfields (Newland Dale Pond, South side)	133	12"
„ Rhodes Avenue ... ..	111	9"
„ Morris Avenue ... ..	344	9"
„ Lucas Road (part of) ...	94	9"

## APPENDIX 41.

Table showing Housing Survey Revision to 31st December, 1929.

Ward	Total No. of houses.	A. Good.	B. Fair.	C. Poor.	D. Bad.	Back to back (includ- ed in previous col).
Hasland	1148	713	403	31	1	....
Central	1110	535	413	138	24	8
Rother	2005	1205	708	79	13	1
St. Leonard's	1161	469	553	130	9	39
St. Helen's	652	295	313	43	1	8
Trinity	1291	389	766	99	37	30
West	1111	710	344	57	....	....
Holmebrook	1310	483	765	40	22	10
Old Whittington	997	145	525	324	3	9
New Whittington	878	90	608	173	7	32
Whittington Moor	1370	255	801	303	11	31
Newbold	1488	835	513	140	....	....
Totals	14521	6124	6712	1557	128	168
Percentage of Totals		42.1	46.2	10.7	.8	
December, 1928 Survey						
Totals	14274	5857	5632	1652	133	169
Percentages		41.0	46.4	11.5	.9	
March, 1925, Survey						
Totals	13261	4738	6377	1840	306	
Percentages		35.7	48.0	13.8	2.3	

**APPENDIX 42.****4.—HOUSING.**

The following is a tabular statement of work done in regard to housing in 1928:—

Number of new houses erected during the year:—

(a) Total [including numbers given separately under	
(b)] ... ..	268
(b) With State assistance under the Housing Acts:	
(1) By the Local Authority ... ..	110
(2) By other bodies or persons ... ..	158

**1.—UNFIT DWELLING-HOUSES.**

(1) Number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	246
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910 ... ..	222
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	12
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	190

**2.—REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICE.**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... ..	105
--	-----

**3.—ACTION UNDER STATUTORY POWERS.****A.—Proceedings under Section 3 of the Housing Act, 1925:—**

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ..	89
(2) Number of dwelling-houses which were rendered fit—	
(a) By owners ... ..	79
(b) By Local Authority in default of owners ... ..	—



### Appendix 42 (Contd.).

#### B.—Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..	—
(2) Number of dwelling-houses in respect of which defects were remedied after service of formal notices—	
(a) By owners ... ..	—
(b) By Local Authority in default of owners ...	—

#### C.—Proceedings under Section 11, 13, and 15 of the Housing Act, 1925:—

(1) Number of representations made with a view to the making of Closing Orders ... ..	12
(2) Number of dwelling-houses in respect of which Closing Orders were made ... ..	12
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ... ..	1
(4) Number of dwelling-houses in respect of which Demolition Orders were made ... ..	2
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders ... ..	1





